

FORM PTO-1449 (Modified)		Attorney Docket No.: 02307E-06502EUS		Application No.: 09/291,406	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: WELCH et al.		Group: 1623	
		Filing Date: April 13, 1999			
Reference Designation		U.S. PATENT DOCUMENTS		Page 1	
Examiner Initial	Document No.	Date	Name	Class	Filing Date (If Appropriate)
AA	5,276,059	1/4/94	CAUGHEY, et al.	514	7/10/92
FOREIGN PATENT DOCUMENTS					
	Document No.	Date	Country	Class	Translation (Yes/No)
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
AB	Back, et al., Increased Thermal Stability of Proteins in the Presence of Sugars and Polyols, <i>Biochemistry</i> , 18:5191-5196 (1979)				
AC	Bilsky, et al., Osmotic Reversal of Temperature Sensitivity in Escherichia coli, <i>Journal of Bacteriology</i> 113:76-81 (1973)				
AD	Brown, et al., Correcting Temperature-sensitive Protein Folding Defects, <i>J. Clin. Invest.</i> , 99:1432-1444 (1997)				
AE	Brown, et al., Chemical chaperones correct the mutant phenotype of the $\Delta F508$ cystic fibrosis transmembrane conductance regulator protein, <i>Cell Stress & Chaperones</i> , 1 (2), 117-125 (1996)				
AF	Burg, Molecular basis of osmotic regulation, Walter B. Cannon Lecture, <i>American Physiological Society</i> F983-F996, (1995)				
AG	Bychkova, et al., Folding intermediates are involved in genetic diseases?, <i>Federation of European Biochemical Societies</i> , 359:6-8 (1995)				
AH	Cheng, et al., Functional activation of the cystic fibrosis trafficking mutant $\Delta F508$ -CFTR by overexpression, <i>American Physiological Society</i> , L615-L624 (1995)				
AI	Chowdary, et al., Accumulation of p53 in a Mutant Cell Line Defective in the Ubiquitin Pathway, <i>Molecular and Cellular Biology</i> , 14:1997-2003 (1994)				
AJ	Denning, et al., Processing of mutant cystic fibrosis transmembrane conductance regulator is temperature-sensitive, <i>Nature</i> , 358:761-764 (1992)				
AK	Edington, et al., Inhibition of Heat Shock (Stress) Protein Induction by Deuterium Oxide and Glycerol: Additional Support for the Abnormal Protein Hypothesis of Induction, <i>Journal of Cellular Physiology</i> , 139:219-228, (1989)				
AL	Egan, et al., Differential expression of ORCC and CFTR induced by low temperature in CF airway epithelial cells, <i>American Physiological Society</i> , C243-C251 (1995)				
AM	Finley, et al., Thermolability of Ubiquitin-Activating Enzyme from the Mammalian Cell Cycle Mutant ts85, <i>Cell</i> , 37:43-55 (1984)				
AN	Gekko, et al., Mechanism of Protein Stabilization by Glycerol: Preferential Hydration in Glycerol-Water Mixtures, <i>Biochemistry</i> , 20:4667-4676 (1981)				
AO	Gekko, et al., Thermodynamic and Kinetic Examination of Protein Stabilization by Glycerol, <i>Biochemistry</i> , 20:4677-4686 (1981)				
AP	Gerlsma, et al., The Effect of Polyhydric and Monohydric Alcohols on the Heat-Induced Reversible Denaturation of Lysozyme and Ribonuclease, <i>Int. J. Peptide Protein Res.</i> , 4:377-383 (1972)				
AQ	Ginsberg, et al., Induction of Growth Arrest by a Temperature-Sensitive p53 Mutant Is Correlated with Increased Nuclear Localization and Decreased Stability of the Protein, <i>Molecular and Cellular Biology</i> , 582-585 (1991)				
AR	Gordon, et al., Temperature-sensitive Mutations in the Phage P22 Coat Protein Which Interfere with Polypeptide Chain folding, <i>The Journal of Biological Chemistry</i> , 268:9358-9368 (1993)				
AS	Hawthorne, et al., Osmotic-Remedial Mutants. A New Classification for Nutritional Mutants in Yeast, <i>Genetics</i> , 50:829-839 (1964)				
AT	Henle, et al., Protection against Heat-induced Cell Killing by Polyols in <i>Vitro</i> , <i>Cancer Research</i> , 43:1624-1627 (1983)				
AU	Lin, et al., Modification of Membrane Function, Protein Synthesis, and Heat Killing Effect in Cultured Chinese Hamster Cells by Glycerol and D ₂ O, <i>Cancer Research</i> , 44:5776-5784 (1984)				

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FORM PTO-1449 (Modified)		Attorney Docket No.: 02307E-06602005	Application No.: 09/291,406
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: WELCH et al.	
		Filing Date: April 13, 1999	Group: 1623
<u>CC</u> AV	Lin, <i>et al.</i> , Why do Some Organisms Use a Urea-Methylamine Mixture as Osmolyte? Thermodynamic Compensation of Urea and Trimethylamine <i>N</i> -Oxide Interactions with Protein, <i>Biochemistry</i> , 33:12695-12701 (1994)		
<u>CC</u> AW	Maroney, <i>et al.</i> , Cloning and characterization of a thermolabile <i>v-src</i> gene for use in reversible transformation of mammalian cells, <i>OncoGene</i> , 7:1207-1214 (1992)		
<u>CC</u> AX	Martinez, <i>et al.</i> , Cellular localization and cell cycle regulation by a temperature-sensitive p53 protein, <i>Genes & Development</i> , 5:151-159 (1991)		
<u>CC</u> AY	Mitraki, <i>et al.</i> , Global Suppression of Protein Folding Defects and Inclusion Body Formation, <i>Science</i> , 253:54-58 (1991)		
<u>CC</u> AZ	Russell, Temperature-Sensitive Osmotic Remedial Mutants of <i>Escherichia coli</i> , <i>Journal of Bacteriology</i> , 112:661-665 (1972)		
<u>CC</u> BA	Ryan, <i>et al.</i> , Alteration of p53 Conformation and Induction of Apoptosis in a Murine Erythroleukemia Cell Line By Dimethylsulfoxide, <i>Leukemia Research</i> , 18:617-621 (1994)		
<u>CC</u> BB	Santoro, <i>et al.</i> , Increased Thermal Stability of Proteins in the Presence of Naturally Occurring Osmolytes, <i>Biochemistry</i> 31:5278-5283 (1992)		
<u>CC</u> BC	Sato, <i>et al.</i> , Glycerol Reverses the Misfolding Phenotype of the Most Common Cystic Fibrosis Mutation, <i>Journal of Biological Chemistry</i> , 271:635-638 (1996)		
<u>CC</u> BD	Schein, Solubility as a Function of Protein Structure and Solvent Components, <i>Bio/Technology</i> , 8:308-317 (1990)		
<u>CC</u> BE	Somero, Protons, osmolytes, and fitness of internal milieu for protein function, <i>American Physiological Society</i> , R197-R213 (1986)		
<u>CC</u> BF	Tatzelt, <i>et al.</i> , Chemical chaperones interfere with the formation of scrapie prion protein, <i>The EMBO Journal</i> , 15:6363-6373 (1996)		
<u>CC</u> BG	Th'ng, <i>et al.</i> , The FT210 Cell Line Is a Mouse G2 Phase Mutant with a Temperature-Sensitive <i>CDC2</i> Gene Product, <i>Cell</i> , 63:313-324 (1990)		
<u>CC</u> BH	Thomas, <i>et al.</i> , Defective protein folding as a basis of human disease, <i>TIBS</i> 20:456-459 (1995)		
<u>CC</u> BI	Welch, <i>et al.</i> , Influence of molecular and chemical chaperones on protein folding, <i>Cell Stress & Chaperones</i> , 1 (2), 109-115 (1996)		
<u>CC</u> BJ	Yancey, <i>et al.</i> , Living with Water Stress: Evolution of Osmolyte Systems, <i>Science</i> , 217:1214-1222 (1982)		
EXAMINER <u>h Lee</u>		DATE CONSIDERED <u>8/2000</u>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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